Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A computer-implemented method of creating a video mosaic, comprising:

extracting a first individual frame[[s]] and a second individual frame of imagery ~~taken from a video camera~~ from a series of video frames;

detecting edges in the first individual frame and the second individual frame;

determining regions of interest in the first individual frame and the second individual frame based on the detected edges;

identifying commonality from [[one]] the first individual frame to the [[next]] second individual frame, including correlating determined regions of interest between the two individual frames by comparing each region of interest in the first individual frame to a region of interest in the second individual frame;

overlapping the individual frames based on the commonality identified from the first individual frame to the second individual frame and displaying an image representing a continuous area.

2. (original): The method of claim 1, wherein the video camera takes images at 30 frames per second.

3. (original): The method of claim 2, wherein the images are stored in files in MPEG format.

4. (original): The method of claim 3, comprising converting the MPEG files into black and white format.

5-6 (canceled):

7. (original): The method of claim 1, comprising compensating for platform/camera motion.

8. (currently amended): The method of claim [[6]] 1, comprising:

searching frame for an edge;

following adjacent on pixels until an off pixel is detected;

counting a number of on pixels and if above a preset threshold, designate as a structure;

repeat said searching said following and said counting steps until entire image is structure detected.

9. (currently amended): The method of claim [[8]] 1, comprising storing the location of on pixels within each designated structure.

10. (original): The method of claim 9, comprising changing value of pixels within a designated structure to avoid use in future structures.

11. (original): The method of claim [[6]] 1, comprising correlating regions of interest by comparing each region of interest to each other region of interest.

12. (Currently amended): The method of claim [[11]] 1, comprising:

calculating a centroid for each region of interest in [[a]] the first individual frame;

comparing the centroid in the first individual frame with all centroids of ~~next adjacent~~ the second individual frame;

selecting centroids in the ~~next adjacent~~ second individual frame within an error tolerance;

correlating an average distance from every pixel in a region of interest in the first frame with every pixel in a corresponding ~~structure~~ region of interest in the ~~next adjacent~~ second individual frame;

~~corresponding structure in the next adjacent frame;~~

[[if]] determining the most consistent average distance ~~is consistent~~ between [[two]] a ~~corresponding structures~~ region of interest in the first frame and a corresponding region of interest in the second frame;

wherein the overlapping step is performed based on the determined most consistent average distance.

13. (Currently amended): A computer architecture, comprising:

extracting ~~means for extracting individual frames~~ a first individual frame and a second individual frame of imagery ~~taken from a video camera~~ from a series of video frames;

detecting means for detecting edges in the first individual frame and the second individual frame;

determining means for determining regions of interest in the first individual frame and the second individual frame based on the detected edges detected by the detecting means;

identifying ~~means for identifying~~ commonality from [[one]] the first individual frame to the [[next;]] second individual frame, including correlating determined regions of interest between the two individual frames by comparing each region of interest in the first individual frame to a region of interest in the second individual frame;

overlapping ~~means for overlapping~~ the individual frames based on the commonality identified by the identifying means from the first individual frame to the second individual frame and displaying an image representing a continuous area.

14. (currently amended): An article, comprising:

at least one sequence of machine executable instructions;

a medium bearing the executable instructions ~~in machine form~~, wherein execution of the instructions by one or more processors causes the one or more processors to:

extract a first individual frame[[s]] and a second individual frame of imagery ~~taken from a video camera~~ from a series of video frames;

detecting edges in the first individual frame and the second individual frame;

determining regions of interest in the first individual frame and the second individual frame based on the detected edges;

identify commonality from [[one]] the first individual frame to the [[next]] second individual frame, including correlating determined regions of interest between the two individual frames by comparing each region of interest in the first individual frame to a region of interest in

the second individual frame;

overlapping the individual frames based on the commonality identified from the first individual frame to the second individual frame and displaying an image representing a continuous area.

15. (Currently amended): A computer system, comprising:

a processor; and

a memory coupled to said processor, the memory having stored therein sequences of instructions, which, when executed by said processor, causes said processor to perform the steps of:

extracting a first individual frame[[s]] and a second individual frame of ~~taken from a video camera~~ from a series of video frames;

detecting edges in the first individual frame and the second individual frame;

determining regions of interest in the first individual frame and the second individual frame based on the detected edges;

identifying commonality from [[one]] the first individual frame to the [[next]] second individual frame, including correlating determined regions of interest between the two individual frames by comparing each region of interest in the first individual frame to a region of interest in the second individual frame;

overlapping the individual frames based on the commonality identified from the first individual frame to the second individual frame and displaying an image representing a continuous area.